Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An information-recording medium comprising a substrate and a recording layer which is rewritable in accordance with phase-change caused by being irradiated with a laser beam, the information recording medium further comprising at least one other layer formed over the recording layer, wherein the recording layer ~~contains~~ consists of Bi, Ge, and Te, and composition ratios thereof are within a range surrounded by the following respective points on a triangular composition diagram having apexes corresponding to Bi, Ge, and Te, and the recording layer has a film thickness of not more than 15 nm:

F3 ($Bi_{3.5}$, Ge_{46}, $Te_{50.5}$));

C3 (Bi_4, Ge_{46}, Te_{50});

D3 (Bi_5, Ge_{46}, Te_{49});

D5 (Bi_{10}, Ge_{42}, Te_{48});

C5 (Bi_{10}, Ge_{41}, Te_{49});

F5 ($Bi_{7.5}$, Ge_{41}, $Te_{51.5}$).

2. (Currently Amended) An information-recording medium comprising a substrate and a recording layer which is rewritable in accordance with phase-change caused by being irradiated with a laser beam, the information recording medium further comprising at least one other layer formed over the recording layer, wherein the recording layer ~~contains~~ consists of Bi, Ge, and Te, and composition ratios thereof are within a range surrounded by the following respective points on a triangular composition diagram having apexes corresponding to Bi, Ge, and Te, and the recording layer has a film thickness of not more than 15 nm:

F2 ($Bi_{2.5}$, Ge_{47}, $Te_{50.5}$);

C2 (Bi_3, Ge_{47}, Te_{50});

D2 (Bi_4, Ge_{47}, Te_{49});

D6 (Bi_{16}, Ge_{37}, Te_{47});

C8 (Bi_{30}, Ge_{22}, Te_{48});

F7 (Bi_{19}, Ge_{27}, Te_{54}).

3. (Currently Amended) An information-recording medium provided as an optical disk comprising a recording layer which is rewritable in accordance with phase-change caused by being irradiated with a laser beam, the information recording medium further comprising at least one other layer formed over the recording layer, wherein a relationship between a recording linear velocity V1 at a radius R1 and a recording linear velocity V2 at a position R2 disposed outside R1 satisfies $V2/V1 \geq R2/R1$, and the recording layer ~~contains~~ consists of Bi, Ge, and Te, and composition ratios thereof are within a range surrounded by the following respective points on a triangular composition diagram having apexes corresponding to Bi, Ge, and Te, and the recording layer has a film thickness of not more than 15 nm:

F2 ($Bi_{2.5}$, Ge_{47}, $Te_{50.5}$);

C2 (Bi_3, Ge_{47}, Te_{50});

D2 (Bi_4, Ge_{47}, Te_{49});

D6 (Bi_{16}, Ge_{37}, Te_{47});

C8 (Bi_{30}, Ge_{22}, Te_{48});

F7 (Bi_{19}, Ge_{27}, Te_{54}).

4. (Original) The information-recording medium according to claim 3, wherein $R2/R1 \geq 1.5$ is satisfied.

5. (Original) The information-recording medium according to claim 3, wherein $R2/R1 \geq 2.4$ is satisfied.

6. (Original) The information-recording medium according to claim 3, wherein $8.14 \text{ m/s} \leq V1 \leq 8.61 \text{ m/s}$ is satisfied.

7. (Currently Amended) An information-recording medium comprising a recording layer which is rewritable multiple times and which is formed on a substrate having a recording track formed thereon, for recording information by causing phase-change in the recording layer under a recording condition in which a track pitch TP is not more than 0.618 μm, the information recording medium further comprising at least one other layer formed over the recording layer, wherein the recording layer ~~contains~~ consists of Bi, Ge, and Te, and composition ratios thereof are within a range surrounded by the following respective points on a triangular composition diagram having apexes corresponding to Bi, Ge, and Te, and the recording layer has a film thickness of not more than 15 nm:

F2 ($Bi_{2.5}$, Ge_{47}, $Te_{50.5}$);

C2 (Bi_3, Ge_{47}, Te_{50});

D2 (Bi_4, Ge_{47}, Te_{49});

D6 (Bi_{16}, Ge_{37}, Te_{47});

C8 (Bi_{30}, Ge_{22}, Te_{48});

F7 (Bi_{19}, Ge_{27}, Te_{54}).

8. (Currently Amended) An information-recording medium comprising a substrate and a recording layer which is rewritable in accordance with phase-change caused by being irradiated with a laser beam, the information recording medium further comprising at least one other layer formed over the recording layer, wherein the information-recording medium has a disk-shaped configuration, a groove is previously formed in a concentric form or in a spiral form on the substrate, at least one of the groove and a land between the grooves

is used as a recording track, at least one of the groove and the land is wobbled, and the recording layer ~~contains~~ consists of Bi, Ge, and Te, and composition ratios thereof are within a range surrounded by the following respective points on a triangular composition diagram having apexes corresponding to Bi, Ge, and Te, and the recording layer has a film thickness of not more than 15 nm:

F2 ($Bi_{2.5}$, Ge_{47}, $Te_{50.5}$);

C2 (Bi_3, Ge_{47}, Te_{50});

D2 (Bi_4, Ge_{47}, Te_{49});

D6 (Bi_{16}, Ge_{37}, Te_{47});

C8 (Bi_{30}, Ge_{22}, Te_{48});

F7 (Bi_{19}, Ge_{27}, Te_{54}).

9. (Canceled)